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EXECUTIVE DIRECTOR – HAMC

DATE:01/21/09

RE: NSP – SINGLE FAMILY HOMES: ESV PROGRAM

Customer Satisfaction:

Targeted communities of Buckeye, Goodyear and El Mirage.

Goal:

Purchase homes; rehab them to include energy efficiency, sustainability and visitability features. Sell homes to qualified buyers within the NSP guidelines.

Process / Action:

ENERGY EFFICIENCY:

Select homes that are North / South facing

Seal & insulate ductwork

Replace existing HVAC with:

14+ SEER

Dual Speed

Split unit

Replace all windows and doors that are not Low E, dual pane

Caulk and re-seal as needed

Increase attic insulation to R-38

Replace all appliances with Energy Star units

CFL bulbs throughout the home

Eliminate water heater & replace with On-Demand system

Kitchen sink

Bathrooms

Laundry

SUSTAINABILITY:

- All materials removed from the home will be recycled when possible
- Equipment & materials to Habitat Re-Store in the name of the buyer
- Use of non-toxic / Low VOC paints, sealants and adhesives
- Eliminate carpet in non-sleeping rooms & replace with stained / sealed concrete
- All ductwork is sealed prior to construction for contaminant reduction
- Permanent seating outside all ingress points to prevent tracking contaminants
- Flush HVAC unit for 48 hours prior to buyer move in
- Install exhaust fans in baths, kitchens and garage with automatic timers
- Landscaping designed to direct water to plant areas
- Gutters to capture all rain water and direct to plants
- Use of drought resistant & low maintenance plants & grass
- Central irrigation timer with moisture sensor
- Include proximity to transit (less than ½ mile from home)
- Include discussion of home in relationship to work, social centers and family
- Include discussion of the needs of the family related to housing size and costs to operate
- Install low flow water devices throughout home
- Eliminate unrestricted access to water devices outside home

VISITABILITY:

- Ingress / Egress points wide enough for wheelchair passage
- Ingress / Egress points to be no step
- Hallways accepting wheelchair passage
- At least one bath to allow wheelchair access
- At least one bath to have bracing added for handrail installation if needed later
- All doors to have lever handles